

< 1MSPS ENCODERS No T/H

																						Tri	I/O										
MODEL			Power Supply Requirements					Input Voltage Range	Convert Time usec	Accuracy or Linearity Lsb's		Differential Linearity Lsb's		Full Scale Error Lsb's		Zero Error Lsb's		Bipolar Zero Error Lsb's		Voltage Reference		State Out	Temperature Range					# of	Price				
	#	+Vcc	+Icc mA	-Vee mA	+Vdd	+Idd			+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	+25C	Tmax	INT	EXT	Latches	0	-25	-40	-55						
MODEL	Bits	Vcc	mA	-Vee	mA	+Vdd	+Idd																										
AD570	8	5	10	12>15	15			10,±5	40	1/2	1/2	1/2	1	2	2	1/2	1	1/2	1	Yes		Yes	P8	J			S	18	\$35.45				
AD670	8	5	45					All	10	1/2	1/2			1.5	2	1.5	2	1.5	2	Yes		Yes	P8	J	A		S	20	\$10.01				
AD670	8	5	45					All	10	1/4	1/4			3/4	1	3/4	1	3/4	1	Yes		Yes	P8	K	B			20	\$16.70				
AD673	8	5	20	12>15	15			All	30	1/2	1/2			2	2	1/2	1	1/2	1	Yes		Yes	P8	J			S	20	\$10.01				
AD7821	8	5	15					Vref	0.66	(Total unadjusted error, 1 LSB)														2.5			P8	K	B		T		\$9.95
AD571	10	5	10	12/15	15			10,±5	40	1	1	1	2	2	4	1	2	1	2	Yes		Yes	P12	J			S	18	\$46.89				
AD571	10									1/2	1/2		1	2	2	1/2	1	1/2	1										\$54.64				
AD573	10	5	20	12/15	15			10,±5	30	1	1	1	2	2	4/5	1	2	1	2	Yes		Yes	P12	J			S	20	\$20.45				
AD573	10									1/2	1/2		1	2	2	1/2	1	1/2	1										\$27.47				
AD7572A-3	12	5	4	11>16.5	9			0>5	3.1	1	1	1	1	8	8	2	2			-5.2		Yes	P12	J	A		S	24	\$24.00				
AD7572A-3	12									1/2	1/2	1	1	8	8	2	2												\$30.00				
AD7572A-10	12	5	4	11>16.5	9			0>5	10	1	1	1	1	8	8	2	2			-5.2		Yes	P12	J	A		S	24	\$14.00				
AD7572A-10	12									1/2	1/2	1	1	8	8	2	2												\$20.00				
AD7672A-5	12	5	7	11>16.5	12			All	5	1	1	0.9	0.9	5	7	5	6	5	7		-5	Yes	P12	K	A		T	24	\$44.00				
AD7672A-5	12									1/2	1/2	0.9	0.9	4	6	3	4	4	6										\$58.00				
AD7672A-10	12	5	7	11>16.5	12			All	10	1	1	0.9	0.9	5	7	5	6	5	7		-5	Yes	P12	K	A		T	24	\$33.00				
AD7672A-10	12									1/2	1/2	0.9	0.9	4	6	3	4	4	6										\$37.50				
AD574A	12	12/15	5	12/15	30	5	40	All	35	1	1	1	1	10	9/20	2	2	4	2	+10V		Yes	P4/8/12	J			S	28	\$22.60				
AD574A	12									1/2	1/2				5/10	1	1		1										\$29.90				
AD574A	12														2/5			2	1										\$50.49				
AD674B	12	12/15	9	12/15	14	5	7	All	15	1	1	1	1	10	6	2	2	4	1			Yes	P4/8/12	J		A		28	\$29.67				
AD674B	12									1/2	1/2				2		1	6	2										\$38.87				
AD674B	12									1/2	1				10	7			1								T		\$126.19				
AD774B	12	(Specs close to 664B)						8														Yes	P4/8/12	J	K				\$25.70				
AD774B	12																									A/B			\$33.90				
MULTI CHANNEL																																	
AD7581 (Eight Channel Mux, 8X8 DUAL PORTED RAM)																																	
AD7581	8	5	8					See D/S	66.6	1 7/8	1 7/8	1 7/8	1 7/8	3	6	5	5	2 1/2			-10	Yes	P8	J	A			28	\$13.90				
AD7581	8									3/4	3/4	3/4	3/4	2	4	2	2	2 1/2							K	B			\$18.95				
AD7581	8									1/2	1/2	1/2	1/2	1	2	1	1	2 1/2							K	C			\$22.00				
AD7581 (Eight Channel Mux)																																	
AD7582	12	15	7.5	5	0.1	5	1	0>5	100	1	1	1	1	1/4	1/4	1/4	1/4				5	Yes	P8	K	B		T	28	\$22.95				